# Split System Submittal Data System: 24KLS72 Indoor/Outdoor: KS2472/CL2472 Wall Mounted Low Ambient Air Conditioner

| lob Name:     |  |
|---------------|--|
| ocation:      |  |
| ngineer:      |  |
| Submitted to: |  |
| Submitted by: |  |
| Reference:    |  |

| SANYO    |      |
|----------|------|
| Building | Life |

|                              | General Data (at 230/208V)       |                         |      |  |
|------------------------------|----------------------------------|-------------------------|------|--|
| Power                        | V/PH/Hz                          | 230/208/1/60            |      |  |
| Circuit Ampacity             | (A)                              | 20                      |      |  |
| Fuse Size, Max.              | (A)                              | 20                      |      |  |
|                              |                                  |                         | Re   |  |
| Compressor                   |                                  | DC Rotary Inverter      | Lbs  |  |
| No. used                     |                                  | 1                       | Со   |  |
| R.L. Amps - L.R.             | (A)                              | 9.6/10.9 - 17.5         | Со   |  |
| Crankcase Heater             | (VV)                             | 20                      | Lin  |  |
|                              |                                  |                         | Lift |  |
| Outdoor Unit                 |                                  |                         | Lin  |  |
| Fan type                     |                                  | Propeller               | Lin  |  |
| Dia. (in.) - No. Speeds      |                                  | 18 - 1/8 - 1            |      |  |
| Type Drive - No. Speeds      |                                  | DC Motor                | Dii  |  |
| No. Poles                    | (RPM)                            | 8 - 850                 | Ind  |  |
| No. Motors                   | (VV)                             | 90 - 1                  |      |  |
| CFM                          | (High)                           | 600                     | Ou   |  |
| F.L. Amps                    | (A)                              | 0.7                     |      |  |
| Coil Type                    | Alu                              | minum Fin & Copper Pipe | We   |  |
| Fin Type - Pipe Type         | Corrugated Plate - Inner Riffled |                         | Ne   |  |
| Rows - F.P.I.                |                                  | 2 - 18.1                | Shi  |  |
| Face Area                    | (sq.ft.)                         | 6.4                     |      |  |
| Tube Size                    | (in.)                            | 3/8"                    |      |  |
|                              |                                  |                         | Shi  |  |
| Indoor Unit                  |                                  |                         | D.   |  |
| Fan type                     | a a a d a                        | Cross Flow              | Pe   |  |
| Dia. & Length (in.) - No. Sp | peeds                            | 3-11/16 33-9/32 - 1     | Co   |  |
| No. Speeds                   |                                  | 3 & Auto                | Tot  |  |
| No. Poles                    | (RPM, High)                      | 8 - 1250                | Sei  |  |
| No. Motors                   | (W)                              | 30 - 1                  | Lat  |  |
| CFM                          | (HI/Med/Lo)                      | 600/541/482             | SE   |  |
| Indoor Sound Rating          | (Hi) (dB-A)                      | 47<br>0 F               | De   |  |
| F.L. Amps                    | (A)                              | 0.5                     | Arr  |  |

| Coil Type             | Alumi    | num Plate Fin & Copper Tube |
|-----------------------|----------|-----------------------------|
| Fin Type - Pipe Type  |          | Slit Plate - Inner Riffled  |
| Rows - F.P.I.         |          | 2 - 19.5                    |
| Face Area             | (sq.ft.) | 3.07                        |
| Tube Size             | (in.)    | 9/32"                       |
| Drain Connection Size | (in.)    | 23/32"                      |

| Approval:     |
|---------------|
| Date:         |
| Construction: |
| Unit #:       |
| Drawing #:    |



| <b>Refrigerant</b><br>Lbs R410a (outdoor u<br>Control<br>Connection<br>Line Length, Max<br>Lift Difference, Max<br>Line Size<br>Line Size | nit)                           | (in. O.D. Dis<br>(in. O.D. St | -  |
|---|--------------------------------|-------------------------------|--|
| Dimensions  |                                | (in.)                         | H x W x D  |
| Indoor Unit   | (Uncrat                        |                               | 3/32 x 41-15/16 x 8-19/32  |
| Outdoor Unit  | (Cratec)<br>(Uncrate)<br>(Crat | ed) 29                        | 11-3/8 x 44-7/8 x 14-29/32<br>1-1/8 x 35-7/16 x 12-19/32<br>13-27/32 x 40-5/8 x 16-1/4 |
| Weight  |                                | Indoor                        | Outdoor  |
| Net   | (lbs.)                         | 26.5                          | 119  |
| Shipping  | (lbs.)                         | 33.1                          | 127.9  |
| Shipping Volume   | (cu.ft.)                       | Indoor<br>4.23                | Outdoor<br>12.71   |
| Performance Data @  | ARI Stan                       | dard Condi                    | tions (230V)   |
| Cooling   |                                |                               |  |
| Total Capacity  |                                | (BTU/H)                       | 24,200 (4,100-24,200)  |
| Sensible Capacity   |                                | (BTU/H)                       | 14,800   |
| Latent Capacity<br>SEER   |                                | (BTU/H)                       | 9,400  |
| Dehumidification  |                                | (Pints/H)                     | 17<br>4.89   |
| Amps  |                                | (Fints/Fi)<br>(A)             | 4.03   |
| Power Inputs  |                                | (W)                           | 2,355/2,355 (280-2,355)  |
| Outdoor Sound Rating  |                                | (dB-A)                        | 55   |
|   |                                |                               |  |

## 

#### **Feature**

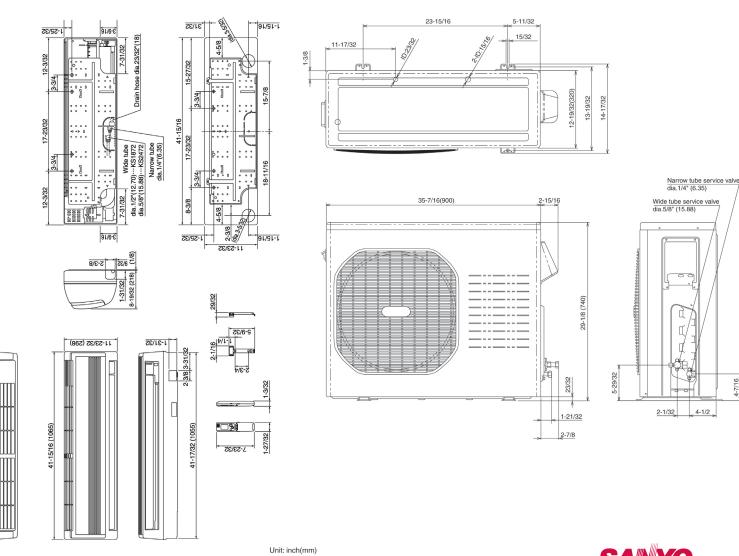
| Controls                    |                 | Microprocessor            |
|-----------------------------|-----------------|---------------------------|
| Remote Controller           | LCD Wireless Ty | pe, Temp. Sensor Built In |
| Temperature Control         |                 | IC Thermostat             |
| Timer                       |                 | 24 Hr. Program, 1 Hr. Off |
| Night Setback               |                 | Built-In                  |
| Air Louver (He              | orizontal)      | Manual                    |
| ()                          | Vertical)       | Automatic                 |
| Power Failure Automatic Res | tart            | Built-In                  |
| Heating/Cooling Automatic C | hangeover       | N/A                       |
| Self-Diagnosis              |                 | Built-In                  |
| Quiet Operation             |                 | Built-In                  |
| Air Filter                  |                 | Washable, Anti-Mold       |
| Ion Generator               |                 | Equipped                  |
| Air Clean Apatite Filer     |                 | Standard                  |

#### Option

| •                               |           |
|---------------------------------|-----------|
| Refrigerant Line Set            | Available |
| Fresh Air Intake                | N/A       |
| Airduct Extension               | N/A       |
| Indoor Frame Extension          | N/A       |
| Condensate Drain Pump           | Available |
| Non-Removeable Remo-con Bracket | Available |
|                                 |           |

### **Operating Range**

|         |         | Indoor Air Intake Temp. | Outdoor Air Intake Temp. |
|---------|---------|-------------------------|--------------------------|
| Cooling | Maximum | 95F DB/71F WB           | 115F DB                  |
|         | Minimum | 67F DB/57F WB           | OF DB                    |





4-7/16



3/16

41-17/32 (1055)

3/16